As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

## A Method And Apparatus For Isolating Faults In A Switching Matrix

which (check)	<ul> <li>is attached hereto.</li> <li>and is amended by the Prel</li> <li>was filed on</li> <li>and was amended on (i</li> </ul>	liminary Amendment attached her as Application Serial No f applicable).	eto.		
	hat I have reviewed and under laims, as amended by any amer	stand the contents of the above idendment referred to above.	lentified sp	ecification,	
_	the duty to disclose information deral Regulations, § 1.56.	on, which is material to patentabi	lity as defir	ied in Title	
foreign application designating at lidentified below application(s) designation of the second	ation(s) for patent or inventor least one country other than the wany foreign application(s) for lesignating at least one country	der Title 35, United States Code r's certificate or any PCT internal ne United States of America listed patent or inventor's certificate or to other than the United States of A te before that of the application(s	national application and any PCT in termination and any PCT in termination and any periode any periode and any periode any periode and any periode any	plication(s) I have also aternational I by me on	
Prior Foreign Application(s)			Priority Claimed		
Number	Country	Day/Month/Year Filed	Yes	No	
N/A					
I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:					
Provisio	nal Application Number	Filing Date			
N/A					

I hereby claim the benefar, ander Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
N/A		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Alan H. MacPherson (24,423); Brian D. Ogonowsky (31,988); David W. Heid (25,875); Norman R. Klivans (33,003); Edward C. Kwok (33,938); David E. Steuber (25,557); Michael Shenker (34,250); Stephen A. Terrile (32,946); Peter H. Kang (40,350); Ronald J. Meetin (29,089); Ken John Koestner (33,004); Omkar K. Suryadevara (36,320); David T. Millers (37,396); Kent B. Chambers (38,839); Michael P. Adams (34,763); Robert B. Morrill (43,817); Michael J. Halbert (40,633); Gary J. Edwards (41,008); James E. Parsons (34,691); Daniel P. Stewart (41,332); Philip W. Woo (39,880); John T. Winburn (26,822); Tom Chen (42,406); Fabio E. Marino (43,339); William W. Holloway (26,182); Don C. Lawrence (31,975); Marc R. Ascolese (42,268); Carmen C. Cook (42,433); David G. Dolezal (41,711); Roberta P. Saxon (43,087); Mary Jo Bertani (42,321); Dale R. Cook (42,434); Sam G. Campbell (42,381); Matthew J. Brigham (44,047); Hugh H. Matsubayashi (43,779); Margaret M. Kelton (44,182); Joseph T. VanLeeuwen (44,383); Patrick D. Benedicto (40,909); T.J. Singh (39,535); Shireen Irani Bacon (40,494); Rory G. Bens (44,028); George Wolken, Jr. (30,441); John A. Odozynski (28,769); Cameron K. Kerrigan (44,826); Barmak S. Sani (45,068); Kenneth C. Brooks (38,393); Paul E. Lewkowicz (Reg. No. 44,870); and Theodore P. Lopez (44,881).

Please address all correspondence and telephone calls to:

Sam Campbell
Attorney for Applicant(s)

SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL LLP
25 Metro Drive, Suite 700

San Jose, California 95110-1349

Telephone: 408-453-9200 Facsimile: 408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.



Attor Docket No.: M-7269 US

Ronald Alan Russell

Inventor's Signature: Date:

Residence: Allen, Texas

Full name of sole (or first joint) inventor:

Post Office Address: 716 Willowbrook Citizenship: United States

Allen, Texas 75002

Full name of second inventor: Michael Kevin Anthony

Inventor's Signature: Date:

Residence: Little Elm, Texas

Post Office Address: 3585 Pinnacle Bay Pointe Citizenship: United States

Little Elm, Texas 75068